

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("3846128").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:37
L2	1	("6492521").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:37
L3	1	("6492518").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:38
L4	1	("6448208").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:38
L5	1	("6369267").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:39
L6	1	("6368520").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:39
L7	1	("6365652").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:39
L8	1	("6362278").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:39
L9	1	("6329473").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:40
L10	1	("6320056").PN.	USPAT; USOCR	OR	OFF	2006/12/13 13:35
L11	1	("6306939").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:40
L12	1	("6297378").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:41
L13	1	("6284895").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:41
L14	1	("6046263").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:41
L15	1	("5997769").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:41
L16	1	("5990310").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:42
L17	1	("5965641").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:42
L18	1	("5929166").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:42
L19	1	("5834544").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:42
L20	1	("5807963").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:43
L21	1	("5721298").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:43
L22	1	("5593701").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:43

EAST Search History

L23	1	("5593701").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:43
L24	1	("5569716").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:43
L25	1	("5420204").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:44
L26	1	("4857596").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:44
L27	1	("4709041").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:44
L28	1	("4520171").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:44
L29	1	("3839275").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:44
L30	2	("3663505").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:45
L31	2	("3542691").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:45
L32	2	("3424713").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:45
L33	2	("3409586").PN.	USPAT; USOCR	OR	OFF	2006/12/13 12:45
L34	319	548/257.cccls.	US-PGPUB; USPAT	OR	OFF	2006/12/13 13:35
L35	202	548/257.icls.	US-PGPUB; USPAT	OR	OFF	2006/12/13 13:35
L36	138	548/257.icls. and benzotriazole	US-PGPUB; USPAT	OR	OFF	2006/12/13 13:35
L37	52	548/257.icls. and benzotriazole and uv	US-PGPUB; USPAT	OR	OFF	2006/12/13 13:35

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Welcome to STN International! Enter x:x

LOGINID:sssptasell626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:21:33 ON 13 DEC 2006

=> fil reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:21:46 ON 13 DEC 2006
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DICTIONARY FILE UPDATES: 12 DEC 2006 HIGHEST RN 915277-53-1

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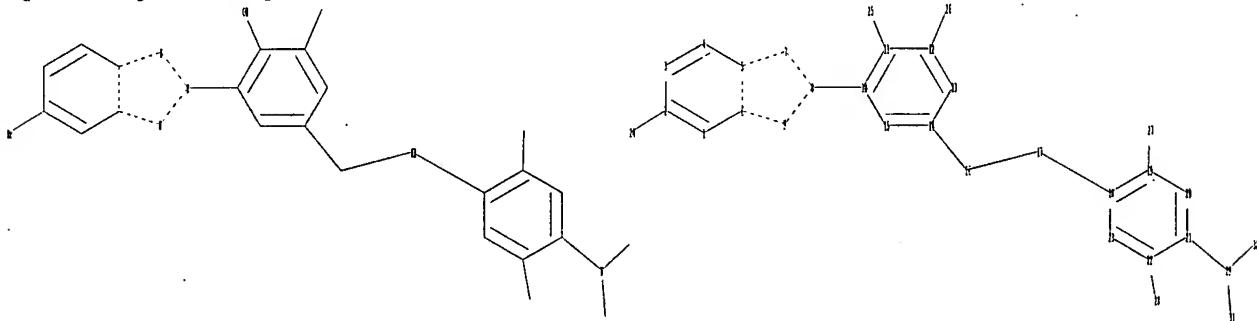
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10804884s.str



chain nodes :
16 17 24 25 26 27 28 29 30 31

```

ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 18 19 20 21 22 23
chain bonds :
2-24 8-10 11-25 12-26 14-16 16-17 17-18 19-27 21-29 22-28 29-30 29-31
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15 18-19 18-23 19-20 20-21 21-22 22-23
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 11-25 16-17 17-18 21-29
29-30 29-31
exact bonds :
2-24 12-26 14-16 19-27 22-28
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15 18-19 18-23 19-20 20-21 21-22 22-23

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Match level :

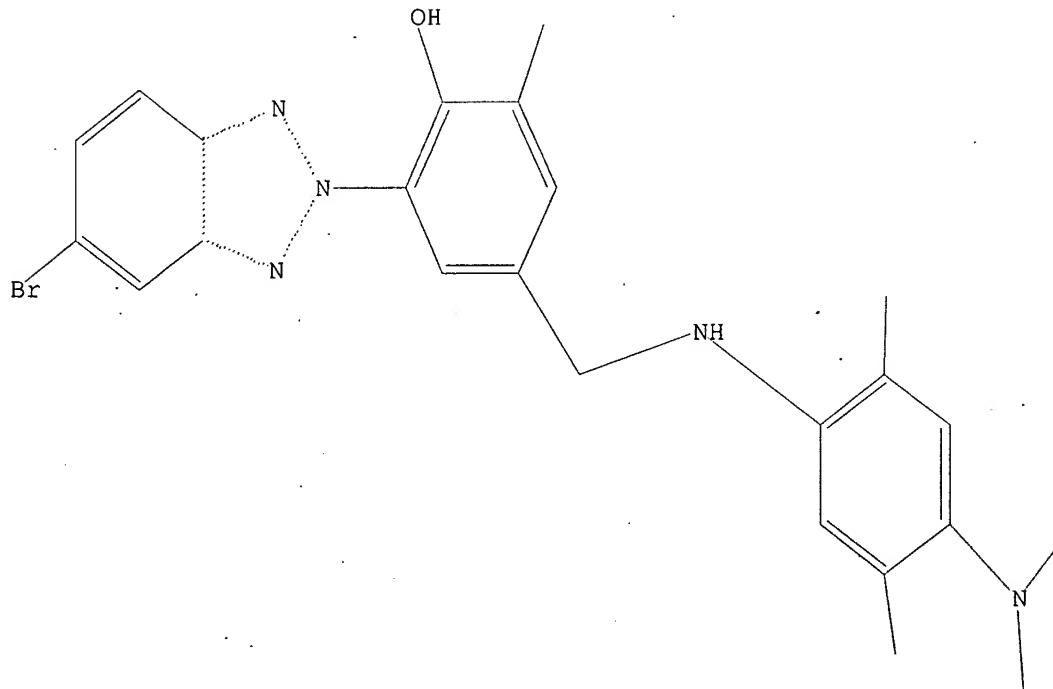
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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS 31:CLASS

```

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 12:22:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 12:22:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 166.94 167.15

FILE 'REGISTRY' ENTERED AT 12:22:11 ON 13 DEC 2006
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DICTIONARY FILE UPDATES: 12 DEC 2006 HIGHEST RN 915277-53-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

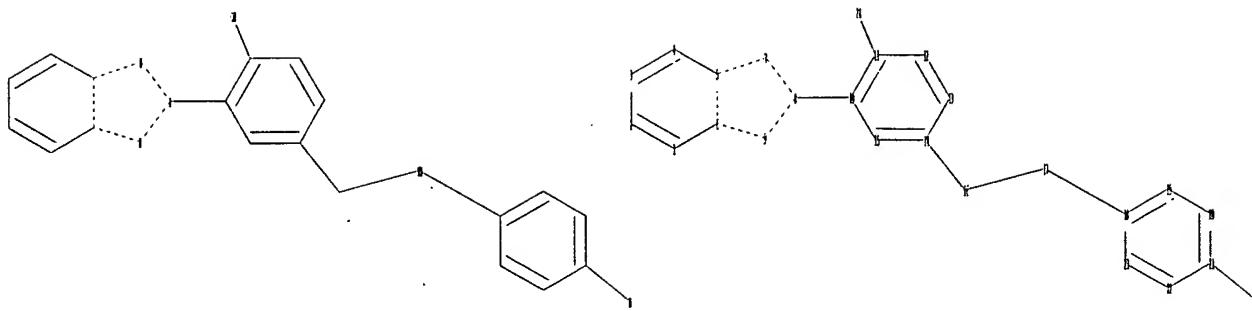
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10804884.str



chain nodes :

16 17 24 25

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 18 19 20 21 22 23

chain bonds :

8-10 11-24 14-16 16-17 17-18 21-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15 18-19 18-23 19-20 20-21 21-22 22-23

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 11-24 16-17 17-18 21-25

exact bonds :

14-16

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15 18-19 18-23 19-20 20-21 21-22 22-23

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:Atom 19:Atom

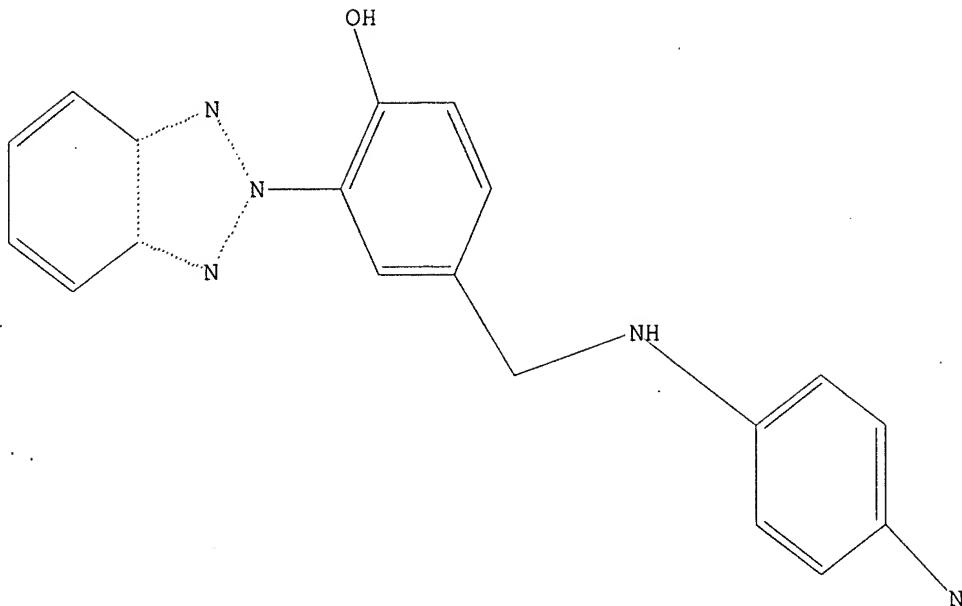
20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 25:CLASS

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 12:22:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6 TO 266
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s 14 full
FULL SEARCH INITIATED 12:22:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 228 TO ITERATE

100.0% PROCESSED 228 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

L6 6 SEA SSS FUL L4

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
166.94 334.09

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=> s 16

L7 1 L6

=> d ibib abs hitstr tot

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:572625 CAPLUS

DOCUMENT NUMBER: 143:78191

TITLE: A preparation of benzotriazole derivatives, useful as

antioxidants and antiozonants

Solanki, Shailendra Singh; Desai, Shrojal Mohitkumar;

Singh, Raj Pal

India

PATENT ASSIGNEE(S): U.S. Pat. Appl. Publ., 7 pp., Cont. of Appl. No.

PCT/IB03/06204

CODEN: USXXKO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY RCC. NUM. COUNT: 1

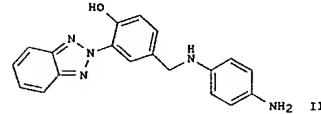
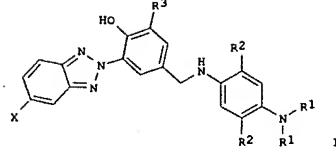
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005143584	A1	20050630	US 2004-804884	20040319
WO 200506141	A1	20050721	WO 2003-IB6204	20031225
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MM, MZ, SD, SL, SZ, T2, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CG, CI, CM, GA, GQ, GW, ML, MR, NE, SN, TD,				
TG	AU 2003288638	A1 20050812	AU 2003-288638	20031225
EP 1727807	A1 20061206	EP 2003-780480	20031225	
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR				
PRIORITY APPLN. INFO.: WO 2003-IB6204	A1 20031225			

OTHER SOURCE(S): MARPAT 143:78191

GI

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



AB The invention relates to a preparation of benzotriazole derivs. of formula I

[wherein: R1 and R2 are independently selected from alkyl groups; R3 is H or tert-butyl; X is H, halogen, tert-Bu, or alkoxy, useful as antioxidants and antiozonants (no data). For instance, benzotriazole derivative II was prepared via amination of 2-(2H-benzotriazol-2-yl)-4-(bromomethyl)phenol by p-phenylene diamine with a yield of 63%.

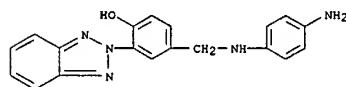
IT 856010-26-7P 856010-25-8P

856010-26-9P 856010-27-0P 856010-28-1P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (preparation of benzotriazole derivs. useful as antioxidants and antiozonants)

RN 856010-23-6 CAPLUS

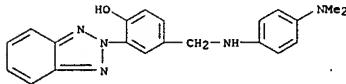
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RN 856010-24-7 CAPLUS

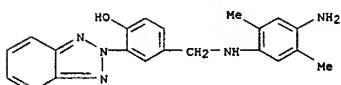
CN Phenol, 2-(2H-benzotriazol-2-yl)-4-((4-(dimethylamino)phenyl)amino)methyl - (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



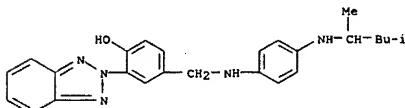
RN 856010-25-8 CAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-((4-(dimethylamino)phenyl)amino)methyl - (9CI) (CA INDEX NAME)



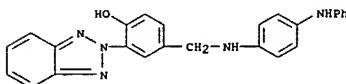
RN 856010-26-9 CAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-((4-(dimethylbutylamino)phenyl)amino)methyl - (9CI) (CA INDEX NAME)



RN 856010-27-0 CAPLUS

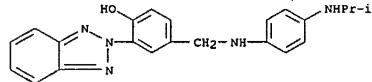
CN Phenol, 2-(2H-benzotriazol-2-yl)-4-((4-(dimethylbutylamino)phenyl)amino)methyl - (9CI) (CA INDEX NAME)



RN 856010-28-1 CAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-((4-(dimethylaminophenyl)methyl)amino)methyl - (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



=> fil reg			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	5.57	339.66	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	-0.75	-0.75	

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 DICTIONARY FILE UPDATES: 12 DEC 2006 HIGHEST RN 915277-53-1

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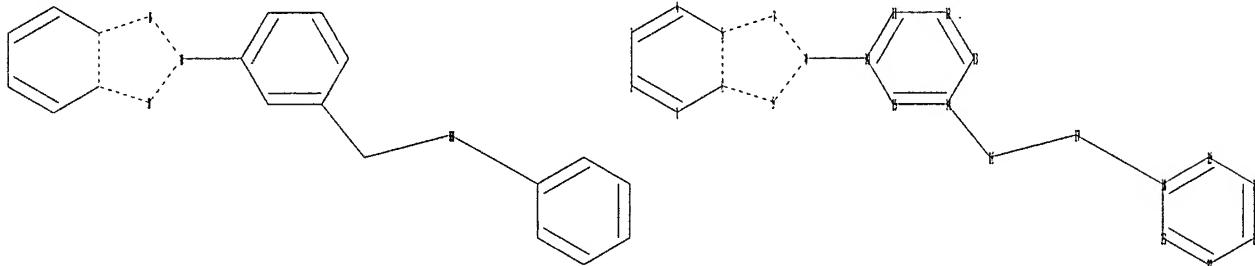
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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<http://www.cas.org/ONLINE/UG/regprops.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\10804884b.str



```

chain nodes :
16 17
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 18 19 20 21 22 23
chain bonds :
8-10 14-16 16-17 17-18
ring bonds :
  
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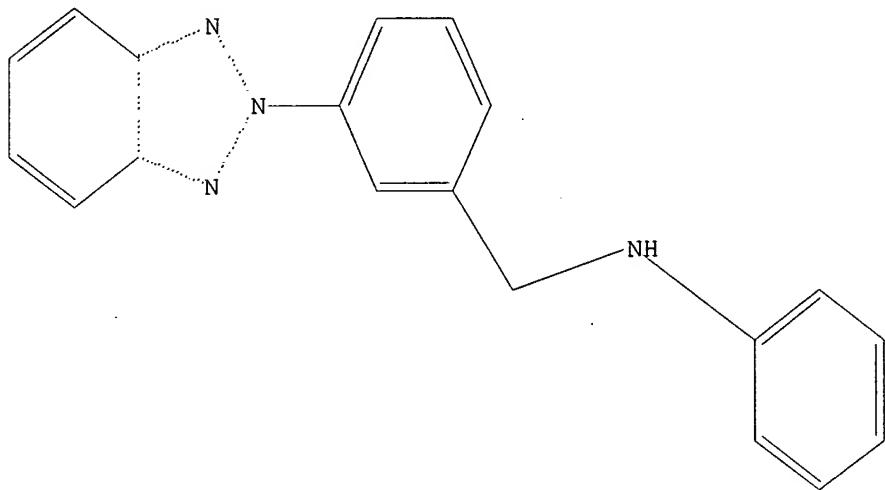
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
 14-15 18-19 18-23 19-20 20-21 21-22 22-23
 exact/norm bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 16-17 17-18
 exact bonds :
 14-16
 normalized bonds :
 10-11 10-15 11-12 12-13 13-14 14-15 18-19 18-23 19-20 20-21 21-22 22-23

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:Atom 19:Atom
 20:Atom 21:Atom 22:Atom 23:Atom

L8 STRUCTURE UPLOADED

=> d
L8 HAS NO ANSWERS
L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 18
 SAMPLE SEARCH INITIATED 12:23:42 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 28 TO ITERATE
 100.0% PROCESSED 28 ITERATIONS 1 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**	
	BATCH	**COMPLETE**	
PROJECTED ITERATIONS:	243 TO	877	
PROJECTED ANSWERS:	1 TO	80	

L9 1 SEA SSS SAM L8

=> s 18 full
FULL SEARCH INITIATED 12:23:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 668 TO ITERATE

100.0% PROCESSED 668 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01

L10 14 SEA SSS FUL L8

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 166.94 506.60
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -0.75

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FILE LAST UPDATED: 12 Dec 2006 (20061212/ED)

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=> s 110
L11 8 L10

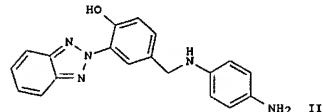
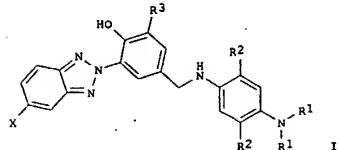
=> d ibib abs hitstr tot

L11 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005-572625 CAPLUS
 DOCUMENT NUMBER: 143-78191
 TITLE: A preparation of benzotriazole derivatives, useful as
 antioxiadants and antiozonants
 INVENTOR(S): Solanki, Shailendra Singh; Desai, Shrojali Mohitkumar;
 Singh, Raj Pal
 PATENT ASSIGNEE(S): U.S. Pat. Appl. Publ., 7 pp., Cont. of Appl. No.
 SOURCE: PCT/IB03/06204.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 2005143584	A1	20050630	US 2004-804884	20040319	
WO 200506614	A1	20050721	WO 2003-IB6204	20031225	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, DE, DK, DM, DO, EC, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MO, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, MD, MR, NE, SN, TD					
TG	AU 2003288638	A1	20050812	AU 2003-288638	20031225
	EP 1727807	A1	20061206	EP 2003-780480	20031225
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR					
PRIORITY APPLN. INFO.: WO 2003-IB6204			A1 20031225		

OTHER SOURCE(S): MARPAT 143:78191
 GI

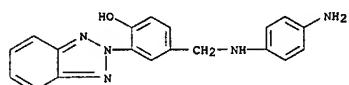
L11 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



AB The invention relates to a preparation of benzotriazole derivs. of formula I
 [wherein: R1 and R2 are independently selected from alkyl groups; R3 is H or tert-butyl; X is H, halogen, tert-Bu, or alkoxy], useful as antioxiadants and antiozonants (no data). For instance, benzotriazole derivative II was prepared via amination of 2-(2H-benzotriazol-2-yl)-4-(bromomethyl)phenol by p-phenylene diamine with a yield of 63%.

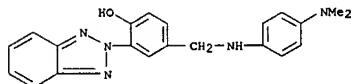
IT 056010-23-6P 856010-24-7P 056010-25-8P
 056010-26-9P 856010-27-0P 056010-28-1P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of benzotriazole derivs. useful as antioxiadants and antiozonants)

RN 056010-23-6 CAPLUS
 CN Phenol, 4-[(4-aminophenyl)amino]methyl]-2-(2H-benzotriazol-2-yl)- (9CI) (CA INDEX NAME)

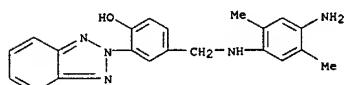


RN 856010-24-7 CAPLUS
 CN Phenol,
 2-(2H-benzotriazol-2-yl)-4-[(4-(dimethylamino)phenyl)amino]methyl
 - (9CI) (CA INDEX NAME)

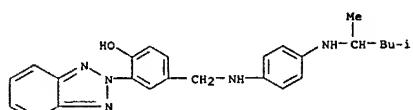
L11 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



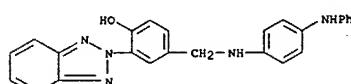
RN 856010-25-8 CAPLUS
 CN Phenol,
 4-[(4-amino-2,5-dimethylphenyl)amino]methyl-2-(2H-benzotriazol-2-yl)- (9CI) (CA INDEX NAME)



RN 856010-26-9 CAPLUS
 CN Phenol, 2-(2H-benzotriazol-2-yl)-4-[(4-[(1,3-dimethylbutyl)amino]phenyl)amino]methyl- (9CI) (CA INDEX NAME)

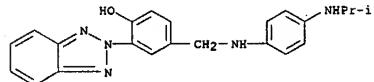


RN 856010-27-0 CAPLUS
 CN Phenol,
 2-(2H-benzotriazol-2-yl)-4-[(4-(phenylamino)phenyl)amino]methyl- (9CI) (CA INDEX NAME)



RN 856010-28-1 CAPLUS
 CN Phenol,
 2-(2H-benzotriazol-2-yl)-4-[(4-((1-methylethyl)amino)phenyl)amino]methyl- (9CI) (CA INDEX NAME)

L11 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L11 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:285161 CAPLUS
 DOCUMENT NUMBER: 120:285161
 TITLE: Heat-developable photographic material using
 polymeric
 UV absorber
 INVENTOR(S): Oohayashi, Keiji
 PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05150433	A2	19930618	JP 1991-316794	19911129
PRIORITY APPLN. INFO.:			JP 1991-316794	19911129

AB The title photog. material possesses a layer containing a binder, photosensitive Ag halide, a dye-donor compound which releases or forms a diffusible dye on thermal development, and a polymeric UV absorber based on CR1R3:CR2L(A)m(B)nQ [R1-3 = H, Cl-4 alkyl; L = CONH, CO₂, phenylene; A = Cl-20 alkylene, C6-20 arylene; B = NR4, CO, CO₂, OCO, CONR4, NR4SO₂, SO₂ O, R4' = H, Cl-20 alkyl, C6-20 aryl; m,n = 0, 1; Q = UV absorber residue]. The photog. material gives transferred images having improved light resistance and surface gloss.

IT 154864-56-9

RL: USES (Uses)
 (UV absorber, thermal diffusion transfer imaging material containing)

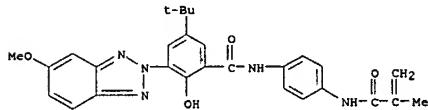
RN 154864-56-9 CAPLUS

CN 2-Propenoic acid, butyl ester, polymer with 5-(1,1-dimethylethyl)-2-hydroxy-3-(5-methoxy-2H-benzotriazol-2-yl)-N-[4-((2-methyl-1-oxo-2-propenyl)amino)phenyl]benzamide (9Cl) (CA INDEX NAME)

CM 1

CRN 154864-55-8

CMF C28 H29 N5 O4



CM 2

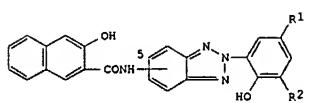
CRN 141-32-2

CMF C7 H12 O2

L11 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1989:116668 CAPLUS
 DOCUMENT NUMBER: 110:116668
 TITLE: Lightfast azo pigment compositions having
 light-stabilizing effects for the substrates and
 manufacture thereof
 INVENTOR(S): Shibata, Tamaki; Okura, Ken
 PATENT ASSIGNEE(S): Dainichiseika Color and Chemicals Mfg. Co., Ltd.,
 Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63235375	A2	19880930	JP 1987-69094	19870325
JP 06021233	B4	19940323		

PRIORITY APPLN. INFO.: JP 1987-69094 19870325
 OTHER SOURCE(S): MARPAT 110:116668
 GI



AB The title compns. comprise pigments obtained by diazo coupling of the couplers I (R1, R2 = H, alkyl, aryl, excluding R1 = R2 = H) and also other couplers. A mixture of 3.2 parts I (R1 = R2 = PhMe2C; 5-bonding) and 9.2 parts Naphthol AS-ITR was coupled with diazotized ITR Base to give a bluish red pigment composition for amino-alkyd coatings and plastics.

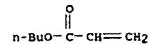
IT 119404-38-5P

RL: PREP (Preparation)
 (manufacture and coupling with diazotized aniline derivs.)

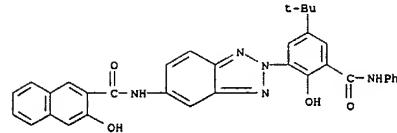
RN 119404-38-5 CAPLUS

CN 2-Naphthalene carboxamide, N-[2-(5-(1,1-dimethylethyl)-2-hydroxy-3-(phenylamino)carbonyl)phenyl]-2H-benzotriazol-5-yl]-3-hydroxy- (9Cl) (CA INDEX NAME)

L11 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L11 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 119404-08-9

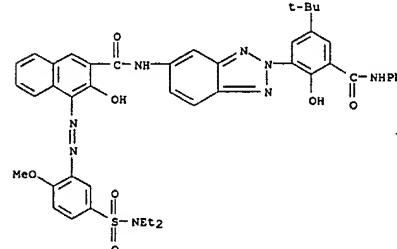
RL: USES (Uses)
 (pigment mixts. containing, lightfast, light-stabilizing, for
 coatings and

plastics)

RN 119404-08-9 CAPLUS

CN 2-Naphthalene carboxamide, 4-[(5-[(diethylamino)sulfonyl]-2-methoxyphenyl)azo]-N-[2-(5-(1,1-dimethylethyl)-2-hydroxy-3-(phenylamino)carbonyl)phenyl]-2H-benzotriazol-5-yl]-3-hydroxy- (9Cl) (CA INDEX NAME)

INDEX NAME)

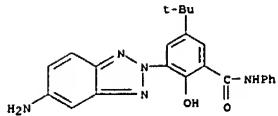


IT 119404-22-7

RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with hydroxynaphthoic acid)

RN 119404-22-7 CAPLUS

CN Benzamide, 3-(5-amino-2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-2-hydroxy-N-phenyl- (9Cl) (CA INDEX NAME)



ACCESSION NUMBER: 1989:116661 CAPLUS

DOCUMENT NUMBER: 110:116661

TITLE: Couplers providing lightfast azo pigments having

light-stabilizing effects for the substrates

INVENTOR(S): Shibata, Tamaki; Okura, Ken

PATENT ASSIGNEE(S): Daikin Seika Color and Chemicals Mfg. Co., Ltd.,

Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

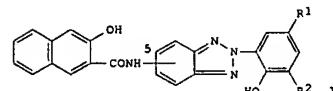
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63188669	A2	19880804	JP 1987-18637	19870130
JP 04080033	B4	19921217	JP 1987-18637	19870130

PRIORITY APPLN. INFO.: MARPAT 110:116661
GI

AB The title couplers have the general formula I (R1, R2 = H, alkyl, aryl, excluding R1 = R2 = H). 2-Hydroxy-3-naphthoic acid was treated with Na2CO3 and treated with PCl3, and the resulting acid chloride was condensed with 2-[(3,5-bis[1,1-dimethylbenzyl])-2-hydroxyphenyl]-5-aminobenzotriazole to give I (R1 = R2 = PhMe2C) (II). A mixture of 3.2 parts II and 34 parts Naphthol AS-ITR was condensed with

25.8 parts diazotized ITR Base to give a bluish red azo pigment composition for coatings and plastics.

IT 119404-38-5P

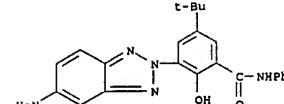
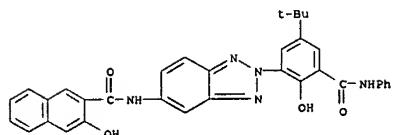
RL: PREP (Preparation)

(manufacture and coupling with diazotized aniline derivs.)

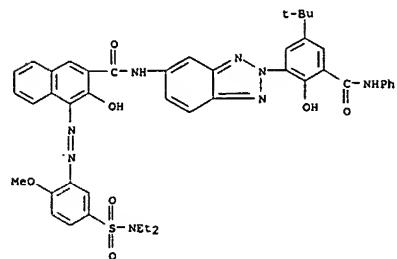
RN 119404-38-5 CAPLUS

CN 2-Naphthalenecarboxamide, N-[2-[5-(1,1-dimethylethyl)-2-hydroxy-3-[(phenylamino)carbonyl]phenyl]-2H-benzotriazol-5-yl]-3-hydroxy- (9CI)

(CA INDEX NAME)

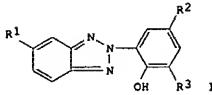


IT 119404-08-9
RL: USES (Uses)
(pigment mixts. containing, lightfast, light-stabilizing, for
coatings and
pigments)
RN 119404-08-9 CAPLUS
CN 2-Naphthalenecarboxamide, 4-[(5-((diethylamino)sulfonyl)-2-methoxyphenyl)azo]-N-[2-[5-(1,1-dimethylethyl)-2-hydroxy-3-[(phenylamino)carbonyl]phenyl]-2H-benzotriazol-5-yl]-3-hydroxy- (9CI)
(CA INDEX NAME)

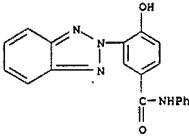


IT 119404-22-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with hydroxynaphthoic acid)
RN 119404-22-7 CAPLUS
CN Benzamide, 3-(5-amino-2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-2-hydroxy-N-phenyl- (9CI) (CA INDEX NAME)

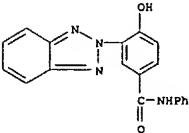
L11 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1976:543990 CAPLUS
 DOCUMENT NUMBER: 85:143990
 TITLE: Synthesis of substituted benzotriazoles for the stabilization of aromatic polyamides against uv light
 AUTHOR(S): Kuester, Bernhard; Tschang, Chung-Ji; Herlinger, Heinz
 CORPORATE SOURCE: Inst. Text. Faserforsch., Univ. Stuttgart, Stuttgart, Fed. Rep. Ger.
 SOURCE: Angewandte Makromolekulare Chemie (1976), 54(1), 55-70
 DOCUMENT TYPE: CODEN: ANMCOB; ISSN: 0003-3146
 LANGUAGE: Journal German
 GI



AB Eight benzotriazoles (I; R1 = H, CONHPh, COCl, CON(Me)Ph; R2 = Me, Me3C, H, NHbz; R3 = H, Me3C) were prepared as light stabilizers for polyamides. The photolytic resistance of poly(m-phenyleneisophthalamide) [24938-60-1] containing I was determined by measuring viscosity. The importance of the o-OH group to the stabilizing properties of I was demonstrated by the fact that the corresponding Me ethers accelerated photochem. degradation
 IT 54639-58-6
 RL: USES (Uses)
 (light stabilizers, for polyamides)
 RN 54639-58-6 CAPLUS
 CN Benzamide, 3-(2H-benzotriazol-2-yl)-4-hydroxy-N-phenyl- (9CI) (CA INDEX NAME)



L11 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1975:57617 CAPLUS
 DOCUMENT NUMBER: 82:57617
 TITLE: 2-(2-Hydroxyphenyl)benzotriazoles. I. Synthesis and their ultraviolet and infrared spectra
 AUTHOR(S): Belusa, J.; Janousek, Z.; Knolickova, H.
 CORPORATE SOURCE: Fac. Nat. Sci. J. E. Purkyně Univ., Brno, Czech.
 SOURCE: Chemické Zvesti (1974), 28(5), 673-9
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 82:57617
 GI For diagram(s), see printed CA Issue.
 AB Benzotriazoles I (R = H, R1 = Me, octyl, OMe, CO2H, NH2, Br, COCl, CO2Me, CO2(CH2)5Me, CO2C6H4Me, CONH2, CONHMe, CONET2, CONHPh, NHAc, OH, Iodo, H; R = NH2, Me, Br, CO2H, NHAc, NHC2, NHMe, OH, R1 = H) were prepared by diazotizing 2-nitroanilines, coupling of the 2-nitrobenzenedi-azonium ion with p-RIC6H4OH, and reductive cyclization of the resulting azobenzene or by substitution on other I. Their uv spectra are reported. The shifts of the wave nos. of the stretching vibrations of OH, which forms an intramol. H-bond with triazole N, depended linearly on the Hammett σ constas. of R ($\rho = +45$) and R1 ($\rho = -61$). The log of the molar absorptivity of the band apprx. 300 nm depended linearly on σ constas. of R and that of the band at 330-390 nm on those of R1.
 IT 54639-58-6
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 54639-58-6 CAPLUS
 CN Benzamide, 3-(2H-benzotriazol-2-yl)-4-hydroxy-N-phenyl- (9CI) (CA INDEX NAME)

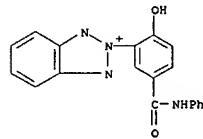


L11 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1976:31086 CAPLUS
 DOCUMENT NUMBER: 84:31086
 TITLE: 2-Phenylbenzotriazoles
 INVENTOR(S): Herlinger, Heinz; Kuester, Bernhard
 PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 19 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2413005	A1	19751016	DE 1974-2413005	19740318
DE 2413005	C2	19871029		

PRIORITY APPLN. INFO.: DE 1974-2413005 A 19740318

GI For diagram(s), see printed CA Issue.
 AB 2-Phenylbenzotriazoles I (R = COCl, PhNHCO, BzNH; R1 = H, Me3C; R2 = Me3C, BzNH, PhNHCO, etc.), useful in the protection of aromatic polyamides and polyimides against uv light, were prepared. Thus, 4-Me3C6H4OH reacted with diazotized 3,4-(O2N)(H2N)C6H3CO2H to give an azo dye which was cyclized by Zn-NaOH to I (R = CO2H, R1 = H, R2 = Me3C). This acid was converted into the acid chloride, which reacted with PhNH2 to give I (R = PhNHCO, R1 = H, R2 = Me3C).
 IT 57731-03-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 57731-03-0 CAPLUS
 CN 1H-Benzotriazolium, 2-(2-hydroxy-5-((phenylamino)carbonyl)phenyl)-, inner salt (9CI) (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

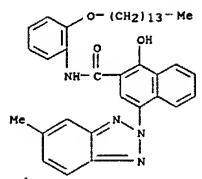
L11 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1974:32492 CAPLUS
 Correction of: 1973:541510
 DOCUMENT NUMBER: 80:32492
 TITLE: Color photographic film and imaging process
 INVENTOR(S): Thomas, Leo John; Tuite, Robert J.
 PATENT ASSIGNEE(S): Eastman Kodak Co.
 SOURCE: Ger. Offen., 57 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2258967	A1	19730614	DE 1972-2258967	19721201
DE 2258967	B2	19760226		
DE 2258967	C3	19761014		
US 3846128	A	19741105	US 1972-291114	19720921
CA 974395	A1	19750916	CA 1972-155809	19721130
AU 7249463	A1	19740530	AU 1972-49463	19721130
GB 1417159	A	19751210	GB 1972-55360	19721130
BE 792264	A1	19730604	BE 1972-124912	19721201
FR 2325141	A1	19730713	FR 1972-42723	19721201
NL 7216449	A	19730605	NL 1972-16449	19721204
CH 552832	A	19740815	CH 1972-17589	19721204

PRIORITY APPLN. INFO.: US 1971-204340 A 19711202

US 1972-291114 A 19720921

AB A photog. color film having improved developer latitude is described. Thus, a cellulose triacetate support is coated in sequence with the following layers: (a) a red sensitized Ag(Br,Cl) pos. emulsion, (B) a gelatin separation layer containing 1-hydroxy-N-[a-(2,4-di-tert-amylphenoxy)butyl]-2-naphthamide and tricresyl phosphate, (c) a cyan sensitized AgBr neg. emulsion, (d) same as b, (e) a green sensitized Ag(Br,I) pos. emulsion, (f) a yellow antiablation layer, (g) a blue sensitized Ag(Cl,Br,I) pos. emulsion, (h) a gelatin antiablation layer, the same as g. The film was sensitometrically exposed and developed for 60 sec at 38° in the following solution: KOH 40, 50 g, 4-amino-N-ethyl-N-β-hydroxyethylaniline 50, piperidinohexose 0.2, 0.05 S-methylbenzimidazole 0.05, phenylmercapto-tetrazole 30, and distilled H2O to 1 l. to give a Dmin. for the red, green, and blue of 0.37, 0.50, and 0.70, resp., vs. 0.50, 0.92, and 1.13, resp., for a control not containing the a, b, c layers.
 IT 51599-30-5
 RL: TEM (Technical or engineered material use); USES (Uses)
 (photog. coupler)
 RN 51599-30-5 CAPLUS
 CN 2-Naphthalene-carboxamide,
 1-hydroxy-4-(5-methyl-2H-benzotriazol-2-yl)-N-(tetradecyloxy)phenyl- (9CI) (CA INDEX NAME)



=> log y
COST IN U.S. DOLLARS

SINCE FILE
ENTRY
41.34

TOTAL
SESSION
547.94

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
-6.00

TOTAL
SESSION
-6.75

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STN INTERNATIONAL LOGOFF AT 12:24:00 ON 13 DEC 2006